



P.B.5818 - Patentlaan 2  
2280 HV Rijswijk (ZH)  
(070) 3 40 20 40  
FAX (070) 3 40 30 16

Europäisches  
Patentamt

European  
Patent Office

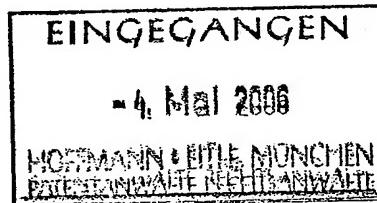
Office européen  
des brevets

Generaldirektion 1

Directorate General 1

Direction générale 1

HOFFMANN EITLE  
Patent- und Rechtsanwälte  
Arabellastrasse 4  
81925 München  
ALLEMAGNE



EPO Customer Services

Tel.: +31 (0)70 340 45 00

Date

03.05.06

Reference  
105 900 a/jme

Application No./Patent No.  
04026005.1 - 2415

Applicant/Proprietor  
FUJITSU LIMITED

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report (under R. 44 or R. 45 EPC) for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

- Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division :

- Abstract       Title  
 The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract : 11

### Refund of search fee

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 1 265 451 A (INNOVANCE INC) 11 December 2002 (2002-12-11) * abstract * * paragraph [0001] * * paragraph [0033] – paragraph [0037] * * paragraph [0043] – paragraph [0052] * * paragraph [0067] – paragraph [0069] * * paragraph [0075] – paragraph [0078] *	1-52	INV. H04J14/02
A	GUMASTE A ET AL: "Benefits of optical subnets in WDM ring networks" FIRST INTERNATIONAL CONFERENCE ON OPTICAL COMMUNICATIONS AND NETWORKS (ICON 2002) WORLD SCIENTIFIC SINGAPORE, SINGAPORE, 2002, pages 99-103, XP009065573 ISBN: 981-238-232-1 * abstract * * part II *	1-52	
A	EP 0 677 935 A (FRANCE TELECOM) 18 October 1995 (1995-10-18) * abstract * * column 3, line 52 – column 4, line 6 * * column 5, line 12 – column 6, line 54 *	1-52	TECHNICAL FIELDS SEARCHED (IPC)
E	WO 2004/107617 A (FUJITSU NETWORK COMMUNICATIONS INC ET AL) 9 December 2004 (2004-12-09) * the whole document *	1-52	H04J H04L
E	EP 1 564 933 A (FUJITSU LIMITED) 17 August 2005 (2005-08-17) * the whole document *	1-52	
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	Munich	24 April 2006	Chauvet, C
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 02 6005

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

24-04-2006

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1265451	A	11-12-2002	US	2002186432 A1		12-12-2002
EP 0677935	A	18-10-1995	FR	2718869 A1		20-10-1995
WO 2004107617	A	09-12-2004	EP	1627485 A2		22-02-2006
			US	2004240884 A1		02-12-2004
EP 1564933	A	17-08-2005	JP	2005229610 A		25-08-2005
			US	2005175346 A1		11-08-2005